

From boatanchors@sco.theporch.com Thu Mar 20 09:25:36 1997
From: Sandy W5TVW <ebjr@worldnet.att.net>
Subject: "ENIGMA" boat anchors
Message-ID: <19970320060045.AAB19677@LOCALNAME>

I'd like to hear from any ENIGMA owners out there on this reflector.
73,

Sandy W5TVW
ebjr@worldnet.att.net
E. V. Sandy Blaize, W5TVW
"Boat Anchors collected, restored, repaired, traded and used!"
417 Ridgewood Drive,
Metairie, LA., 70001
ebjr@worldnet.att.net
Looking for: 860 tubes, WL-460 tubes, RK-18,20,28 tubes
Butternut HF2V antenna, G-R test gear.....*

From boatanchors@sco.theporch.com Thu Mar 20 09:25:36 1997
From: Jeffrey Herman <jeffreyh@hawaii.edu>
Subject: "Historic Wireless Archives!"
Message-ID: <Pine.GS0.3.95q.970319180920.22471E-100000@uhunix3>

Just received a book catalog from CRB Research Books, Inc., and found
amongst all the garbage books (CB modifications) a little jewel; here's
the ad:

"Historic Wireless Archives! RADIO STATION TREASURY (1900-1946).
Big 175-page directory of wireless and radio stations of the past -
AM and shortwave broadcast, early FM/TV, police, aero, ship, coastal,
press, military, beacons, fire, etc., worldwide. Callsigns, freqs.,
addresses, station data, slogans, other data. Thousands of listings
of every category and size. Unique and wonderful source of rare info
unobtainable elsewhere at any price. Author: Tom Kneitel. Catalog
RST. Price: \$9.95."

This happens to be the least expensive book in the catalog, but
probably the only one worth buying...

CRB Research Books, Inc., Box 56, Commack, NY 11725.

Jeff KH2PZ (no connection with CRB)

From boatanchors@sco.theporch.com Wed Mar 19 18:18:52 1997
From: Bob Duckworth <WB4MNF@atl.org>

Subject: 11 year old son provides reality check and Thunderbolt
Message-ID: <01BC347E.DAEB0410@office>

I thought I'd been teaching the kids well.

Ana (just 13) and Bobby aka BeBo (11 in March) can clean a fish or small animal, cook it, and eat it (except BeBo is allergic to fish). They know tubes, are working on Morse code, and even listen to the old BA's once in a while.

As part of their education, they have been trained to spot BAs and other potentially useful items on the roadside. We detour through the appropriate neighborhoods on trash collection days.

Putting this skill to use the other day they spotted a promising heap and demanded that I stop the car. All was going well until BeBo held up a 12" vinyl record and said "Hey dad, there's a big pile of these black things that spin and have music on them. You know, like CDs"

Thanks to everyone who responded to my Thunderbolt questions. It's here now (sans 4-400s) and had all the long screws with it :-). Most of the short ones were missing though. Also had an original manual and I'll forward copies for postage plus 5cents/page (unless you want colored paper than it's 9cents (Kinko's fees) I do copying once a month.

-bob

From boatanchors@sco.theporch.com Wed Mar 19 18:18:52 1997
From: Jack Harper <jharper@bs2000.com>
Subject: Re: 390A Meters
Message-ID: <199703191506.IAA15426@lynx>

Hello All...

I called Rick Mish this (Wednesday) morning (419-255-6220) and he has 18 sets of R-390(x) meters left (after I bought a set (2 meters/set) -- I don't yet have an R-390 but hope to buy one -- probably a dead one from Fair Radio (sans those 'horrible' radioactive meters) within the next 6-months or so -- after I get my HQ-180 project finished :)

He told me that these are NOS -- still in the original box unused etc. He also mentioned that he has a chance to obtain some more within the next few days and will do so depending on demand.

BTW -- the price that he quoted me was \$80 for the pair which includes shipping.

His address, BTW, is PO Box 80041 Toledo OH 43608 and he seems quite interested to receive orders for the meters.

I have never spoken with him before -- seems like a very nice person.

No connection, of course, between Mish and myself -- I just need the meters (NOS!).

Regards to all

Jack, KC0LR (Friend to all things Hammarlund)

Jack Harper
e-mail: jharper@bs2000.com
voice: 303-277-1892 fax: 303-277-1785
Bank Systems 2000, Inc.
350 Indiana Street, Suite 800
Golden, Colorado 80401 USA

"21st Century Financial Applications"
Optical Cards for Bank, EBT, and Medical Applications
Visit our Web Page: <http://www.bs2000.com/talos> (Last Update: 970312)

1024-bit PGP crypto key with ID: 8FB07075 created 960728
Fingerprint: 75 DA 06 35 F8 3D AC EC 3A F2 7C 59 A1 11 A5 74
Key available from Public Key Servers and above Web Page

From boatanchors@sco.theporch.com Thu Mar 20 09:25:36 1997
From: "Deane D McIntyre" <dmcintyr@acs.ucalgary.ca>
Subject: 6DC6 subs
Message-ID: <9703200531.ZZ520059@ds1.acs.ucalgary.ca>

In message <3.0.1.32.19970319201323.006cc71c@telalink.net> writes:

>
> Have few tube manuals, none of which list the 6DC6 used in the
> R-390A. What are some acceptable subs for this tube? Found
> a 6DK6 works well, but what do hte manuals say???

I have found that the 6CB6/6CB6A works very well. This is the tube that lived in the IF stages of most 50's TV sets.....and recently I got a copy of Tube Lore (must reading for all toob folks) and see that this book also suggests the 6CB6.

Sometimes the 6CB6 gets a bad rap as a "TV tube"; I figure if it is good enough for HP (i.e. the 400D VTVM) it is good enough for me....

73, Deane D McIntyre VE6BP0
dmcintyr@acs.ucalgary.ca

From boatanchors@sco.theporch.com Thu Mar 20 09:25:36 1997
From: Scott Robinson <spr@earthlink.net>
Subject: 6DC6 substitutes
Message-ID: <v03007800af55faa3af81@[153.34.139.135]>

Well, ol' Sams' book says:

6AW8, 6BZ6, 6CB6, 6CF6, 6DE6, 6DK6, (6AG5) (6CE5)

() means may not work in all circuits

So for once you have a a spectrum of choices.

Regards,

Scott Robinson
spr@earthlink.net

"Buy a Velocette and enjoy those qualities that turn motor-cyclists into enthusiasts."

From boatanchors@sco.theporch.com Wed Mar 19 18:18:52 1997
From: polepeeg@aa4rm.radio.org (Marty Reynolds' BA ID)
Subject: Re: 866 mercury vapor --- disposal?
Message-ID: <199703190630.BAA10243@aa4rm>

Mail them to the Bureau of Alcohol, Tobacco, & Firearms

Give a Sierra Club @ North Pole return address Phil

Marty

From boatanchors@sco.theporch.com Thu Mar 20 09:25:36 1997
From: Tom Norris <badger@telalink.net>
Subject: Acceptable substitutes for 6DC6A?
Message-ID: <3.0.1.32.19970319201323.006cc71c@telalink.net>

Have few tube manuals, none of which list the 6DC6 used in the R-390A. What are some acceptable subs for this tube? Found a 6DK6 works well, but what do the manuals say???

thermionic@techie.com

TANSTAAFL: There Ain't No Such Thing As A Free Lawyer.....

From boatanchors@sco.theporch.com Thu Mar 20 09:25:36 1997
From: provero@connix.com
Subject: Re: Acceptable substitutes for 6DC6A?
Message-ID: <199703200312.WAA24234@comet.connix.com>

In <3.0.1.32.19970319201323.006cc71c@telalink.net>, on 03/20/97 at 02:20 AM,

Tom Norris <badger@telalink.net> said:

>Have few tube manuals, none of which list the 6DC6 used in the R-390A.
>What are some acceptable subs for this tube? Found a 6DK6 works well,
>but what do the manuals say???

As Jimmy Durante used to say, "I got a million of them..."

Per SAMS Tube Substitution Manual #17

Subs for 6DC6 are:

6AW6, 6BZ6, 6CB6, 6CB6A, 6CF6, 6DE6, 6DK6

6BH6 (parallel filament circuits)

(may not work in all circuits subs include: 6AG5, 6AU6, 6AU6A, 6BC5, 6CE5)

Hope this helps,

P.J. "Josh" Rovero	home:	provero@connix.com
Meteorologist	radio:	KK1D
Oceanographer	work:	rovero@sonalysts.com
Curmudgeon-at-Large	web:	http://www.connix.com/~provero/

From boatanchors@sco.theporch.com Thu Mar 20 09:25:36 1997
From: Morris Odell <morriso@vifp.monash.edu.au>
Subject: Re: Acceptable substitutes for 6DC6A?
Message-ID: <33310BE4.B2@vifp.monash.edu.au>

Tom Norris wrote:

>
> Have few tube manuals, none of which list the 6DC6 used in the
> R-390A. What are some acceptable subs for this tube? Found
> a 6DK6 works well, but what do hte manuals say???

You could try a 6BZ6 or a 6GM6 (with modifications to the screen & cathode resistors for the latter)

73

Morris VK3D0C

From boatanchors@sco.theporch.com Wed Mar 19 18:18:52 1997
From: "Walter L. Marshall" <wmarshall@CapAccess.org>
Subject: AM on HW-101?
Message-ID: <Pine.SUN.3.91-FP.970318231105.7008D-1000000@cap1.capaccess.org>

Dear Boat People,
Has anyone tried to get AM out of a HW-101? Did it work
or did it melt holes in your finals when the caps blew up?
Wouldn't supprise me if there is an article in QST about
this but I don't have an index.
Tote those barges, lift those boats,
Walter

From boatanchors@sco.theporch.com Wed Mar 19 18:18:52 1997
From: don merz <71333.144@CompuServe.COM>
Subject: An Insult?
Message-ID: <970319175541_71333.144_DHB48-1@CompuServe.COM>

I just heard something that I thought WE could relate to. It was meant to be an insult, though it took me a while to see why. <g>

"He has a vacuum tube brain in a microchip world."

'nuff said.

73, Don

From boatanchors@sco.theporch.com Thu Mar 20 09:25:36 1997
From: Sam Stokes <sstokes2@ix.netcom.com>
Subject: BA Sighting in Pasadena
Message-ID: <3.0.32.19970319191120.0068d520@popd.ix.netcom.com>

Stopped by C & H Sales in Pasadena today.

They have racks and racks of weird looking test equipment modules that have property tags from most of the aerospace firms in southern California. Many have missing or damaged meters, little compartments with open or broken doors that have obviously missing parts. Many have tags on them that indicate that they were not to be used due to calibration problems.

I noticed a couple pieces of military gear in the store.

1. Receiver, Radio R-978-GKA-5
225Mhz - 400Mhz
Radio Corporation of America
Serial # 54
FSN 5895-799-9199
\$100.00
2. Receiver - Transmitter Group OA2649A/TRC-68
Consisting of:
RT-441A/TRC-68
PP-1494/U
CY-2712/TRC-68
AD-390/U
Sacramento Air Logistic Center (1983)
\$200.00

That is C & H Sales 2176 E. Colorado Blvd., Pasadena, CA 91107-3653
(818) 796-2628. I have no connection with C & H Sales, other than
I check them out once or twice a year.

Sam Stokes
Long Beach, CA

From boatanchors@sco.theporch.com Wed Mar 19 18:18:52 1997

From: Tom Clarke <fclarke@erols.com>
Subject: Re: BOATANCHORS digest 1339
Message-ID: <331B9A68.55B5@erols.com>

How many 327s do you need?? I usually wind up with a handful of them in my flight bag, as they are commonly used in the lighting for aircraft instruments. Let me know and I'll send you some.

Tom, W40KW
fclarke@erols.com

From boatanchors@sco.theporch.com Wed Mar 19 18:18:52 1997
From: Ron Thomas <rthomas@gulf.net>
Subject: CE-20A VFO
Message-ID: <3330778C.32F@gulf.net>

I am looking for a Central Electronics VFO to go with my 20A exciter. This was a re-packaged command set. If you have one you will part with, please e-mail me with price and condition.

73, Ron N4RT

From boatanchors@sco.theporch.com Wed Mar 19 18:18:52 1997
From: Michael Crestohl <mc@shore.net>
Subject: Cleaning supplies - my experiences....
Message-ID: <199703191032.FAA18025@northshore.shore.net>

Hello Anchorologists:

I have been following the cleaning/waxing supplies closely and would like to add the following observations.....

Murphy's Oil Soap is the gentlest cleaning agent I have ever used - very effective especially on E F Johnson paintwork which is the benchmark test for a cleaning agent. For really tough filthy jobs I second Don Merz' recommendation of "GoJo" orange waterless hand cleaner without pumice. Apply it, let it sit for a while and wash it off.

Classic Car Wax or any other carnuaba finish wax is the only thing to use on painted surfaces. I did up an HRO-60 several years ago and boy, did it ever shine..... I've had a large can of this stuff and its lasted many many years.

WD-40 and "Goof-Off" (which I think is repackaged lighter fluid) are both good for removing adhesive sticky residue but should be removed with isopropyl afterwards. Someone recommended using 92% iso but I reiterate

someone else's comment that 70% iso should be used on painted surfaces.

92% Isopropyl alcohol is good for degreasing metal parts and does not leave a residue. Marvel Mystery Oil (in the small container - not the engine oil additive) is good for small lube applications. Apply all oils sparingly because the excess will attract crudolene and eventually will do more damage than good. Windex or ammonia-based glass cleaners are good for glass surfaces but WILL remove some paints or silk-screened lettering.

Finally, *DO NOT* try to clean meter dials, scales or other such areas. Leave them *ALONE* or you'll be sorry!

Best policy with any cleaning compounds is *TEST FIRST*.

73,

Michael, W1RC

mc@shore.net

From boatanchors@sco.theporch.com Thu Mar 20 09:25:36 1997
From: "Grant Youngman" <nq5t@gte.net>
Subject: Contemplating a T-368
Message-ID: <199703200516.XAA10585@smtp.gte.net>

Anyone know of a T-368 within a days drive of Dallas that might be looking for a good home?

Grant/NQ5T

Grant Youngman / NQ5T

nq5t@gte.net
<http://home1.gte.net/nq5t/index.htm>
Double Oak, TX -- nr Dallas

From boatanchors@sco.theporch.com Thu Mar 20 09:25:36 1997
From: George Humphrey <gah@koyote.com>
Subject: Dayton BA Haunts
Message-ID: <1.5.4.32.19970320041605.006f84e0@mail.koyote.com>

BAers,

I will be in Dayton next week on business (I know, lousy timing) and would be interested in dealers or surplus stores that handle BAs. Any good suggestions?

73 George KC5WBV
gah@koyote.com

From boatanchors@sco.theporch.com Wed Mar 19 18:18:52 1997
From: David Hirneisen <dhrnsn@prolog.net>
Subject: For Sale - military transmitters!
Message-ID: <1.5.4.32.19970319100329.0066b528@mail.prolog.net>

For sale, rare transmitter - BC 339 - push/pull 833a's driven by 813 exciter. Rated 1000 watts rtty out, low hours (1750 lbs, 82" tall, 38" wide, 30" deep) - asking \$500

I'm posting this for a friend without internet access, Fred Althouse, KE3FV. You can contact him directly at 717-733-4832, (he is moving next week, 717-581-0498 after the 26th). The transmitter is located in south-eastern Pennsylvania, near Ephrata (turnpike exit 21).

Fred has two of these (he only knows of 3 in existence and he has 2 of them), and I'm fairly certain he ultimately wants to sell both. The second one has been modified for AM.

David Hirneisen, N3GKB - dhrnsn@ptd.net

From boatanchors@sco.theporch.com Wed Mar 19 18:18:52 1997
From: Terry Burge <terrybu@netman.ENS.TEK.COM>
Subject: FS from r.r.swap
Message-ID: <9703192127.AA11167@netman.ENS.TEK.COM>

Gang,

Here is a forsale post from rec.radio.swap that someone might be interested in. Please, contact them, not me.

Terry

Article 76589 (26 more) in rec.radio.swap:

From: Robert Ramirez <robtram@ns.net>

Newsgroups: rec.radio.amateur.boatanchors, rec.radio.swap, rec.radio.amateur.equipment

Subject: FS:National NC-303
From boatanchors@sco.theporch.com Wed Mar 19 18:18:52 1997
From: "James F. Wood 253-7886" <WOODJ@mail.firn.edu>
Subject: FS Old QST'S
Message-ID: <C754ZWTJCSK0M*/R=FIRNVX/R=A1/U=WOODJ/@MHS>

Jan 1922 complete but in poor cond
Feb and Mar 1922 complete in fair cond with 6QR call stamped on front cover.
Offers or Trades????
woodj@mail.firn.edu

From boatanchors@sco.theporch.com Wed Mar 19 18:18:52 1997
From: km1h@juno.com
Subject: FS/Swap: RME-4350
Message-ID: <19970319.150753.9871.18.km1h@juno.com>

This 160-10M ham band rcvr is an 8-9. No mods, works fine and with the manual.

I would prefer to swap for:

- Drake 2B with 2BQ and 2LF
- Drake R4C with at least the Sherwood 1st IF filter and the Drake 500Hz CW filter. Cosmetics are not of prime importance.
- Repairable 75A4...plan to do many mods so not looking for collector quality.

Will also consider outright sale offers.

73....Carl KM1H

From boatanchors@sco.theporch.com Thu Mar 20 09:25:36 1997
From: Chris Demeroukas <radios@mailout.accessusa.com>
Subject: FS: TV2C/U, Megacycle Meter 59
Message-ID: <33312B51.4A3D@mail.accessusa.com>

Hello BAers:

FOR SALE:

1. Military TV2C/U tube tester, very good condition, \$250
2. Measurements Megacycle Meter Model 59, very good condition, \$100

Each plus UPS. Thanks

Chris

From boatanchors@sco.theporch.com Thu Mar 20 09:25:36 1997
From: william wiggins <bwiggg@worldnet.att.net>
Subject: FS: 8458 Tubes
Message-ID: <19970320013746.AAA8619@LOCALNAME>

For Sale: 5 New Amperex 8458 tubes. AES gets 34.50 each, I will sell for \$15.00 each plus shipping.

Thanks
Billy

Bwiggg@worldnet.att.net

From boatanchors@sco.theporch.com Wed Mar 19 18:18:52 1997
From: dave metz <metzd@cfw.com>
Subject: FS: ZM11 RLC BRIDGE
Message-ID: <2.2.32.19970319041651.006c65dc@milo.cfw.com>

Well, it would seem that I didn't have much interest in the ZM 11 I advertised here a few days ago. So before I send this off to ER and ARC for their next month's issue, would someone care to make a reasonable offer? It may work fine, but all I can testify to is that the tubes light, the voltage adjusts as it should, all knobs are there and it doesn't appear to show anything burned. A copy of the manual is included. Thanks much.

73's dave

From boatanchors@sco.theporch.com Thu Mar 20 09:25:36 1997
From: Ho4bart@aol.com
Subject: Fwd: Classic radio photos in vintage books, mags
Message-ID: <970319215141_46556445@emout18.mail.aol.com>

In a message dated 97-03-19 19:54:06 EST, WSN019 writes:

<<

Hue..the "wirelessy-set-looking-no19" is a Wireless set No 52 (CDN) that uses an 813 PA. You are correct in the fact that this is a "blower" in the center. The unit covers 1.5

to 12 Mc/s....uses separate RX..Tx.. The Tx has an I.P.A.
(intermediate power amplifier i.e. buffer) and runs 12/ 24v
and 115vac/ 230vac. It has been one of the "better" common
wealth sets! I used one as an Army Cadet in England in the
'50's. There is additionally a "remote" Rx in its own cabinet
with a Crystal Calibrator unit mounted "above" the Rx. This
Rx was an option for commo centers. You are correct the
microphones are "stock" "19" set types or the "Tannoy" (high
noise area) types. I sed one of these last in the 1960's in Canada.
The Commonwealth Army cadet Forces got rid of them all in
the 1970's (late) They were a "ground" or "vehicular" radio. >>

the above is in answer to my question about the photo of radio shack
pictured in a book about life in the arctic.

hue miller

Forwarded message:

Subj: Re: Classic radio photos in vintage books, mags
From boatanchors@sco.theporch.com Thu Mar 20 09:25:36 1997
From: "Ray L. Mote" <rmote@rain.org>
Subject: Getting grease into tight spots
Message-ID: <Pine.SUN.3.95.970319225722.18801A-100000@coyote.rain.org>

Well, this time it *wasn't* a BA, but it could have been. Had to get
lube into so-called permanently lubed bearings on garage door, obscured
by washer that was fairly close-fitting to shaft. Even a .020-inch
needle wouldn't do it. Put Mobilith SHC-100 red lithium grease
(excellent for dynamotors!) into 10cc plastic "horse syringe" from
feed/seed store (no needle). Then pulled out plunger from wife's 0.3cc
insulin syringe and used larger syringe to load it. It takes a lot of
force (and a loooooong time) to empty even that tiny syringe into a
bearing, but that 0.012" o.d. (29 gauge) needle did the trick. Had to
use one hand as normal on the syringe, and the other to keep the
plunger shaft from bending/breaking.

KC6BLI showed me a trick with areas that will tolerate a larger (.050")
needle. Sears sells a grease gun that takes a 3-oz cartridge. Added a
syringe needle with zirk (grease) fitting on back end (made by Plews,
sold in grease section at Pep Boys). That really does a number on
larger bearings, going thru the rubber seal beautifully. Used it on
the Chinese sealed bearings on the hand truck I use to move my heavier
BA's, and it should work on the Chinese bearings in my grinders,
sander, etc.

Your local plastic shop should sell small squeeze bottles with needles
meant for dispensing plastic adhesives. I mix an additive called
"Tribotech" with machine-gun oil for lubing tools and other things, and
this is ideal for dispensing a small drop at a time in tight spots

(like bandswitch shaft bearings, etc.). The bottles are called "Plasticators", and replacement needles are available if you break or bend one. The slip-on plastic needle protector also makes sure you don't leave a mess if stored in a drawer. McMaster-Carr also sells these, but at a higher price.

Jewelry hobby suppliers sell jeweler's saws, and "spiral" blades intended for cutting wax, rubber, and *plastic*. These work fine for making replacement plastic windows, etc. for the old BA's.

73.....Ray Mote, K5FKT <rmote@rain.org> Oxnard, CA

From boatanchors@sco.theporch.com Thu Mar 20 09:25:36 1997
From: Terry Pridgen <pridgent@pinn.net>
Subject: Hammarlund 170&160 Manuals
Message-ID: <3330974D.22CA@pinn.net>

Hello All,
I'm looking for manuals for the Hammarlund 170 and 160 receivers. Copies will be OK. Will appreciate any assistance.
73, KC4YTF, Terry
pridgent@pinn.net

From boatanchors@sco.theporch.com Wed Mar 19 18:18:52 1997
From: km1h@juno.com
Subject: Help Tube ID: UXCX II
Message-ID: <19970319.133256.9871.17.km1h@juno.com>

These reportedly came from an old diathermy machine. Graphite plates, 4 pin base and similar to a 572B in appearance.
Any specs please?

Tnx...Carl KM1H

From boatanchors@sco.theporch.com Thu Mar 20 09:25:36 1997
From: "Bill Richarz" <wricharz@transprt.com>
Subject: HG-10 Manual
Message-ID: <19970319232246.009e1c5a.in@transprt.com>

Someone sent me an HG-10 manual (partial) & can't figure out who sent it, except it came from some place in Colorado. No name, only initials on the brown envelope, so don't know who I owe some postage & whatever to, or even if it's someone

on the list.

I still need a full manual for an HG-10B VFO, not sure what the difference is in the plain HG-10. So, if anyone has a manual or copy, I would appreciate one.

Thanks & 73 de Bill, N4DH

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=====
Bill Richarz <N4DH> ex WA4VAF      | Internet: wricharz@transprt.com
10035 Little Creek Rd.             | Packet: N4DH@W4BFB.#CLT.NC.USA.NA
Charlotte, NC 28227                | Phone: (704) 545-9368
HomePage                           | http://www.transprt.com:80/wricharz
=====
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From boatanchors@sco.theporch.com Thu Mar 20 09:25:36 1997

From: John <johnmb@mindspring.com>

Subject: HT18 lives/Halli paint

Message-ID: <199703201431.JAA01755@camel6.mindspring.com>

I got a Hallicrafters HT18 on the air last night... surely the first time in 25 years or so, that its made RF. Does anyone have experience using these on the air, either in an exciter or VFO application? It makes about 5 watts of RF and I'm planning on using it to check into the BA net with, paired with the S53A as a vintage QRP station.

This is an interesting rig...with NBFM too!

The twist-lok caps needed reforming but now work fine, although I replaced about 8 paper/wax decoupling caps that were leaky, as well as several carbon comps that had drifted quite a bit.

Does anyone have any suggestion as to sprucing up the semi-matte grey paint that Hallicrafters used on many rigs of this vintage? Its not glossy, so doesnt respond well to car wax...I've run into this on several speaker cabinets with the same type of finish. As well as being matte, its somewhat porous too, and stains worse than other finishes of the same era. Anyone have suggestions on how to make this now-dry looking finish look more like it did when it was new?

Best 73

/John

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+-----
| John Brewer- WB50AU/4
| AMI #24      Vintage Radio Website
| http://www.mindspring.com/~johnmb/
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+-----

From boatanchors@sco.theporch.com Wed Mar 19 18:18:52 1997
From: billo@nti.net (Bill Wilson)
Subject: I need some help...RBA (Really Big Anchor)
Message-ID: <19970319054705777.AAA211@LOCALNAME>

Greetings,

I just got a nice RBA with no power supply or book. The fella I got it from said it runs off 90 volts DC but did not know the amperage needed. He added that the filaments could be run off a separate transformer if needed. This radio is grey in color unlike the black ones I have seen. The set has been rebuilt according to the tags on top of the case. On the front of the radio is a tag stating that the radio had "version 3 mods"?

If anyone would like to pass along some information regarding anything about the radio (trivia and facts) please do so.

Thanks in advance,

Bill
W4BIZ
Jacksonville, Al.

From boatanchors@sco.theporch.com Wed Mar 19 18:18:52 1997
From: Ho4bart@aol.com
Subject: Re: I need some help...RBA (Really Big Anchor)
Message-ID: <970319102918_-1605557927@emout02.mail.aol.com>

In a message dated 97-03-19 01:32:30 EST, billo@nti.net (Bill Wilson) writes:

<< f anyone would like to pass along some information regarding anything about

the radio (trivia and facts) please do so.

>>

from reading the manual (but not to hand & i don't recall -suffix)
one of the mods was to lower slightly the tuning range for early
model(s). i believe it was lowered to accomodate NAA on 14.7
(the manual might actually specifically state that) so the change
was probably 'only' a couple kc/s or so. where these production
runs fit in with a ?possible frequency change by NAA? would be
an interesting topic IMO. anyone know?
btw NAA has to be one of the oldest if not oldest station on air-

that is, if it still is on! i have a small tin from the spark era,
whose brand name is "NAA Crystals" , steel galena loose crystals,
guaranteed high sensitivity.
also IMO this is one of the alltime tuffest looking mil beasts ever.
a 'real man's' radio, if you're not prone to back trouble, that is.
hue miller

From boatanchors@sco.theporch.com Thu Mar 20 09:25:36 1997
From: "Lawrence R. Ware" <lrware@pipeline.com>
Subject: Larry's Heath spring cleaning continues...
Message-ID: <3.0.16.19970319220914.1937ca52@pop.pipeline.com>

Evening folks, having found the little T-4 a new home it's now
time to unload another piece of junk...
(Errr, make that: "Wonderful Example of Heathkit Engineering at
its Finest!")

Tonights victim, errr, "Wonderful Example of Heathkit Engineering
at its Finest!" (WEOHKEAIF!) is a little V-7A VTVM. This little
errr, "Gem" is about a 6 cosmetically, needs some clean up.
Construction quality is good, all parts including Heath/Mullard
tubes are in it. No visible internal corrosion around the "C" battery.
I don't have time to test it, so consider it in "non-working
but fixable" condition. No probes, but the manual says they are just
wire anyway. I do have an original manual that will go with it.
(The manual is curtesy of another BA list member, alas I forget who.
Shame on me... :-)
Acquired as part of a larger lot at auction, I'll call this one
a \$5 piece. So it will cost the winner \$5 plus shipping.

Anyway: Tonights rules...

Winners will be determined by:

- 1) Tell me why you need/want it, points awarded for:
 - a) Owning matching equipment already.
 - b) Needing it to complete an "All Heath" station.
 - c) It's for someone your "Elmer-ing."
 - d) It was your *first* VTVM, and you have been looking for another since your mom/dad/wife/space aliens chucked yours years ago.
If you fit this one, see "e" below...
 - e) *Making up an outrageous story of what you will use it for. :-)
* For item "e" the taller and more unbelievable the better...
Why "Mars Wants Women!" "Straight Keys Rule," and "You can't
be too good looking, or have too much equipment!"
Will get you extra points this round... :-)

2) Bonus points to anyone who has sent me a manual, helped me find a part, or provided advice, (good or bad, it's the effort that counts. :-) or sold me something at a reasonable price.

3) Bonus points to anyone who has posted thoughtful technical comments recently. I'm not that thoughtful a person myself, but I learn a lot from reading.. :-)

4) Display dud transmitting tube offered in trade will walk away as a winner this time. (Has to be one I don't already have.)

Winners will be determined any darn way I feel like.
Judges decision is final. (Although open to bribes :-)

-Larry

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Let your equipment retire in sunny central Florida.
Intensive Care, Private Bench Space, Frequent Use,
Factory trained HP, Tek & Fluke Surgeon on staff.
Good Home Guaranteed or double your junk back!
lrware@pipeline.com - Orlando, FL -

From boatanchors@sco.theporch.com Thu Mar 20 09:25:36 1997
From: Liles Garcia <liles@pmc-sierra.bc.ca>
Subject: Late Report on Rickreall, Oregon
Message-ID: <Pine.SUN.3.95.970319193508.778A-100000@zephyr.pdx.pmc-sierra.bc.ca>

Hello Fellow Boatanchors,

This is a swap meet report for Rickreall, Oregon, on February 15.
I sincerely apologize for the long delay, but hopefully my report adds to the ones already posted. This meet in February is the largest meet in Oregon, and the fairgrounds building was pretty full. Here is what I saw along with my comments:

ART-13 very clean \$125.00 I do not think
that this one sold. This surprised me since these are
supposed to be very popular.

BC-348's good condition \$75.00 There were two of these in a package for this price. Both looked good, but one was supposed to work and the other was a parts set. They were under a table shortly after opening time.

BC-348 very good, with manual \$60.00
I know who had this BC-348 for sale, and know first hand that it was in good condition. I am not sure which manual came with this receiver, but I would have bought it if I was faster.

Hallicrafters SX-42 condition unknown, price unknown
This receiver was pre-sold at the beginning of the day.

National NC-2-40C OK condition \$120.00 This receiver has the original matching speaker with it. The power transformer has been changed, and some filter caps have been added. I got the receiver to pick up one local BC station in the swap meet building. I just could not pass up this original classic set. I stopped by to look at it about three times before I finally bought it. Will advise the group about my progress on it. The gray wrinkle finish on this receiver and speaker looks really classic!!

RCA Radiomarine Corp of America AR-8506-B
This receiver covers VLF up to 20 MHz with no BC band. The receiver takes power, but I did not get any stations with it, probably due to the fluorescent lighting in the building and no available antenna. I got this receiver in a package deal with a wood-cased Pilot receiver.

There were a few Hammarlunds, HQ-170, HQ-110. There were some Hallicrafters S-40's, some priced right, and some priced outrageously.

Regards from Aloha, Oregon,
Liles Garcia
liles_garcia@pmc-sierra.com

From boatanchors@sco.theporch.com Wed Mar 19 18:18:52 1997
From: K6RCL@aol.com
Subject: National SPKR For Sale
Message-ID: <970318225944_545024404@emout10.mail.aol.com>

Have for sale a National Speaker in very good condition, this unit is used with the NC100 and NC101 series receivers, You know Black wrinkle finish.....

Dennis K6RCL
805-683-2876

From boatanchors@sco.theporch.com Wed Mar 19 18:18:52 1997
From: K6RCL@aol.com
Subject: NC-100-101 SOLD
Message-ID: <970319161457_1982799916@emout18.mail.aol.com>

Thank you to all who e-mailed me..
73'S
Dennis K6RCL

From boatanchors@sco.theporch.com Thu Mar 20 09:25:36 1997
From: "Allan Fritsche" <fritsche@msn.com>
Subject: NIB R-390 Meters
Message-ID: <UPMAIL03.199703200047020720@msn.com>

Hey Gang , Great news that Rick all of a sudden found all these meters. I thought that the goverment (Stand up and Salute) buried them all a few years ago, at least thats what I heard. Correct me naturally. Now, if anyone has seen Rick lately and he is covered with mud and glows in the dark, then we know he hit the pay dirt.

Sorry Rick, had to do it. The price is a little high, But.....

Your Friend Al
fritsche@msn.com

From boatanchors@sco.theporch.com Wed Mar 19 18:18:52 1997
From: Morris Odell <morriso@vifp.monash.edu.au>

Subject: Output transformers (long)

Message-ID: <33307B2B.2B05@vifp.monash.edu.au>

Hi all,

I had a few replies to my initial query regarding the use of TV vertical output transformers in audio amplifiers. Most people who replied thought it would be quite OK especially given the use of power transformers backwards for the same purpose. Of course the autotransformer type are not suitable, but they don't seem to have been used much down here anyway.

I tried a couple out last night and here is the result:

The test rig was a "classical" 6V6 power amplifier running at 275 volts HT driven by a 6SJ7 from a HP 200CD oscillator. Measurements were taken using a Tek 535 and HP 410C. The amplifier had about 20 dB of switchable negative feedback taken from the transformer secondary to the 6SJ7 cathode, and the load was a 15 ohm speaker.

1. Using a 5k/15 5 watt audio output transformer the base input level required for clipping was measured. Open loop frequency response was 3 dB down at 18 kHz with a peak at 2.5 kHz probably due to the speaker (I didn't test it with a pure resistive load). Closed loop the response was essentially flat to 30 kHz (at lower overall gain of course).

2. Using a vertical tranny weighing about twice as much as the audio one, the flat part of the open loop response was about 3 dB down midband and began to roll off at 14 kHz with some peaking type distortion. Maximum power output was the same as with the audio tranny. The instability at 2.5 kHz was much accentuated. Closing the loop didn't extend the upper roll off but stabilized the instability. At frequencies above 20 kHz the output waveform was peaked and almost triangular.

3. Using another vertical tranny half as large again (15-20 watt size), the results were similar although the upper frequency roll off was 1 kHz less.

What does all this mean? These transformers seem quite OK for communications type applications especially at frequencies below 10 kHz or so and with negative feedback. The reduced high frequency response reflects higher and uncontrolled winding capacitance than in audio transformers. The laminations are a bit coarser as well which would increase eddy current losses at higher audio frequencies. These transformers were only designed to couple 50 Hz sawteeth after all.

I'm going to have a bit of fun building single ended tube amplifiers again:-)

One reply suggested that the single ended Hi-Fi people have discovered these transformers for their uses. I don't think they are anything like Hi-Fi quality although given the illogical situation in the golden ear scene anything is possible.

73

Morris

Morris Odell Victorian Institute of Forensic Medicine
Forensic Physician 57-83 Kavanagh St, Southbank 3006
morriso@vifp.monash.edu.au Victoria,
Australia

Web page: <http://www.vifp.monash.edu.au/CFM/staff/mo.html>

From boatanchors@sco.theporch.com Thu Mar 20 09:25:36 1997
From: Bob Roehrig <broehrig@admin.aurora.edu>
Subject: Re: Output transformers (long)
Message-ID: <Pine.ULT.3.95.970319181118.20679A-100000@admin.aurora.edu>

On Wed, 19 Mar 1997, Morris Odell wrote:

> I had a few replies to my initial query regarding the use of TV vertical
> output transformers in audio amplifiers.
>
> I tried a couple out last night and here is the result:

Thanks for your post, Morris. That's the kind of experimenting I like to get involved in. I have used 12V filament transformers (120V pri) to go from 600 ohms to 6 ohms - works quite well. I did find the right combination of taps on a 70V line to voice coil transformer to match a 6V6 plate to 600 ohms also. I also used a 120 to 24 volt transformer (the primary) as a filter choke in my power supply for the AMR-101 receiver. So yes, transformers can be used for purposes other than what they were designed for. I think someone else also posted that a plain old ordinary power supply choke can be used as an audio choke in a Heising modulation scheme.

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

From boatanchors@sco.theporch.com Thu Mar 20 09:25:36 1997
From: Nathalie Guibert <nguibert@middletown.total.net>
Subject: PCB's and how well you sleep
Message-ID: <1.5.4.16.19970320084907.286f80bc@mail.accent.net>

>Date: Tue, 18 Mar 1997 08:45:47
>To: boatanchors@sco.theporch.com
>From: Nathalie Guibert <nguibert@mail.accent.net>
>Subject: PCB's and how well you sleep
>
>>Date: Mon, 17 Mar 1997 15:28:36
>>To: boatanchors@sco.theporch.com
>>From: Nathalie Guibert <nguibert@mail.accent.net>
>>Subject: PCB's and how well you sleep

>>
>> Bonjour
>> The PCB scare has generated quite a few myths and lets clear
>> a few of them:
>> 1- PCB's came to life as an answer to mineral based insulating
>> oils low flash and flame points- Its cost was about 8 times +
>> over regular mineral oil.
>> 2- It is basically an almost inert liquid that require a very
>> high temperature to destroy it.
>> 3- It was used in indoor electrical apparatus such as trans-
>> formers(power-potentials), capacitors but not on circuit
>> breakers on account of its relatively high viscosity.

>> THESE APPARATUS WHERE OF THE SEALED TYPE

>> 4- One component of PCB is a solvent that evaporate under heat,
>> this solvant was used to vary the heat transfer factor accor-
>> ding to various transformer manufac. specs,(Pyranol-Askarel-
>> Inerteen etc.).

>> The SMELL is not easily forgotton.
>> 5- I have worked for about 40 years on and quite often up to
>> my elbows and chin and in bad cases with a gas mask. Had to
>> wash the exposed skin toroughly with no after long term
>> effects, some other technicians had skin rashes and stopped
>> working on it, sorry no skin peeling or falling.

>> MYTHS

>> 6- It was used on dirt roads: The SMELL would have raised HELL

>> It gets gooy after its solvent has eveporated and the cleanup
>> would have been also Hell.

>> ONLY MINERAL BASE OIL WAS USED

>> 7- My grandpa used it by rubbing for his rheumatics-

>> Grandma would have shoved him out pdq because the smell
>> 8- There is nothing to the stuff: OH YEA
>> RUN LIKE HELL IF ITS ON FIRE- TOXIC GASES
>> ITS A MEESSY SMELLY STUFF.
>> IT PLAYS HELL WITH MARINE LIFE.
>> DONT EXPERIMENT WIH IT(DONT BLOW CAPs. TRY IT WITH
>> A GAS TANK, YOU WILL REACH A HIGHER ALTITUDE).
>>
>> Andre Guibert
>>
>>
>

From boatanchors@sco.theporch.com Wed Mar 19 18:18:52 1997
From: w7fg <w7fg@w7fg.com>
Subject: Photos of Giant Variable Caps
Message-ID: <199703190531.XAA10350@cc_ux_00.cimcase.com>

Photo of Giant Variable Capacitors, Texas Style can be found at

<http://www.w7fg.com/capacito.html>

Using that URL will bypass our HOMEPAGE and save you time.

I've had several requests for photos and this is the easiest way to show them to all. If you go to the photo, take a look at the HQ-160 in the back ground for a comparison of size.

Gary

```
-----  
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| Orders Only: 800-807-6146 |  
| |  
| HomePage: http://www.w7fg.com |  
| E-Mail w7fg@w7fg.com |  
-----
```

From boatanchors@sco.theporch.com Wed Mar 19 18:18:52 1997
From: Bob Roehrig <broehrig@admin.aurora.edu>

Subject: Re: power supply, info needed, help!

Message-ID: <Pine.ULT.3.95.970318195534.6526A-100000@admin.aurora.edu>

After going thru several original Heath power transformers in my Heath dual trace scope (the problem was lousy transformer construction that had loose HV turns hanging out - not a scope circuit problem) I solved the problem by building up individual supplies using several transformers mounted in a BUD chassis bolted to the bottom of the scope.

The HV supply (It was either 1100 or 2200V) was built using an old Knight photoflash transformer. Worked like a charm.

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

From boatanchors@sco.theporch.com Thu Mar 20 09:25:36 1997

From: "Dennis M. Fox" <foxd@mail.grady.public.lib.ga.us>

Subject: Re: Quality (3ea.) racks for sale

Message-ID: <199703200344.WAA24300@morse.public.lib.ga.us>

I'm posting this for an individual that I wanted to purchase these racks from. When freight from Mi to Ga was found to be prohibitive, I offered to post this for him,

FS 3ea. extruded aluminum equipment racks, W/casters (I believe) located near Port Huron, MI. Contact: Matt Augugliaro, 4600 Fish Rd, Smith's Creek, Mi. 48074, 810-989-4600. He's asking \$200 ea or \$%00 for all three. He says they are very impressive, (probably government purchase) complete w/sides & back. Please contact him for any more information. I do not have any financial interest in this but since he was so nice to find out shipping information for me, I'm trying to repay his kindness. He also has lost of LOTS of BA stuff for sale he says, so for those fortunate to be close to him, feel free to contact.

Dennis Fox

From boatanchors@sco.theporch.com Thu Mar 20 09:25:36 1997

From: "Allan Fritsche" <fritsche@msn.com>

Subject: R-390A Front Panel Restoration

Message-ID: <UPMAIL03.199703200047040242@msn.com>

Hey Gang, Got the Front Panel completely off the R-390A tonite.
I have to work this project about an hour or two a day as I do still have a full time job (Sucks).

Now, the upper left corner was bent pretty bad, so that was step one.
Beat the S__ out of it in a vise and tapped on it with a finishing hammer.
Doesn't look to bad for now... At least it's straight.

Took some 600 grit paper on a sanding block and lightly rubbed the panel down.
Rubbed off the grit with paint thinner. I can tell this will be a long ordeal
as the paint thinner is not cutting the engrave (stamped) lettering to
much yet.

But its fun for me.
Talk Ta Ya Later
Al
fritsche@msn.com

From boatanchors@sco.theporch.com Thu Mar 20 09:25:36 1997
From: "Edward J. Zeranski" <ejz@nosc.mil>
Subject: R390A meets new age
Message-ID: <2.2.32.19970320000721.0070743c@marlin.nosc.mil>

I just had a call from our tech library. It seems I have the only
copy of the new Navy R390A manual, the SPAWAR edition, available and they
want it back for scanning to CD. That CD will probably have an NSN etc so
I'll keep watching. The trick now is to get 'em to churn out RBS, RAL, RAK,
TCS.....just a thought.

Ed Zeranski ejz@marlin.nosc.mil, work
ezeran@cris.com home
Wooden Boats, Tube Receivers, Rusty Old Trucks, The Good Stuff!

This is a private opinion or statement and is nobody's fault but mine. No
person, employer, or govt. should try to take credit for it!

From boatanchors@sco.theporch.com Wed Mar 19 18:18:52 1997
From: tpl.dsc@discnet.com
Subject: Re.: SB-10
Message-ID: <9703190512.AA44462@sfm.discnet.com>

Hi George
I have a copied copy of the SB10 manual. I would be willing to make you a
copied copied copy, although I'm sure the quality would not be good. You
can keep me as an option, I'm sure you will get other replies as well.

Tom N9DVT

Hello All,

Does anyone know how to connect a SB-10 to the TX-1. There is two S0-239 and a 8 pin octal on the SB-10 and the TX-1, but I don't know what go where. I don't have a manual on the SB-10, and my manual on the TX-1 does not mention anything on the SB-10.

Can anyone help,

73's George Folse KB5WW0 AMI#937

kb5ww@juno.com

630 Dolhonde St.

Gretna, La. 70053

504-362-1896 ph/fax

From boatanchors@sco.theporch.com Wed Mar 19 18:18:52 1997

From: BEN NOCK <106312.1035@compuserve.com>

Subject: Russia (GDR) key

Message-ID: <199703191744_MC2-12CD-7541@compuserve.com>

I have a Russian military (althought I think made by in Germany) code key.
Made out of black plastic with hinged cover over the contacts, fully
It is in mint condition with the original cord and connector (some sort of
a
twist lock 6 pin)

Sounds like it might be the key for the SEG 15D set, hf, 1.6 to 12. Quite a common key in Europe. Many have been liberated since the wall came a tumbling down.

Ben G4BXD.

From boatanchors@sco.theporch.com Wed Mar 19 18:18:52 1997

From: MEC <danmec@inet.uni-c.dk>

Subject: Re: Trade: Russian military code key

Message-ID: <Pine.3.89.9703190900.A18084-0100000@inet.uni-c.dk>

```
> I have a Russian military (althought I think made by in Germany) code key.  
> Made out of black plastic with hinged cover over the contacts, fully  
> adjustable. Weighted metal base with rubber feet.  
> Has a round ball for the knob.  
> Inside the cover on a decal it says:  
>
```

> VEB KFZ-BEDARF LEIPZIG
 > MORSETASTE K 40 ohne AnschluBschnur
 > 0,1 A bei max. 65 V made in GDR
 >
 >
 > It is in mint condition with the original cord and connector (some sort of a
 > twist lock 6 pin)
 > Has a nice feel.
 > I really would like to trade for some other military type of straight key.
 > If interested let me know via private email.
 This is not a Russian key, but one made in former GDR * East Germany#
 where a lot of the WaPa comm gear was made, with the usual German
 thoroughness and quality . Some of their 1950/60 radios are beauties !

73 Rag OZ8RO LA5HE

From boatanchors@sco.theporch.com Thu Mar 20 09:25:36 1997
 From: Russell_Schroeder@xn.xerox.com (Schroeder,Russell G)
 Subject: TranOceanic info needed
 Message-ID: <"0C4831338190677C">0C4831338190677C@X-WB-0207-MS2.XN"@-SMF->

Hollowstaters,

I have two Zenith TransOceanic receivers that are sitting on the "To Do" shelf. I am looking for schematics for the H600 and A600 models. Any help would be appreciated. Copying and mailing costs cheerfully covered. TIA.

73 Russ W2DYY

Russell_Schroeder@xn.xerox.com

From boatanchors@sco.theporch.com Thu Mar 20 09:25:36 1997
 From: Thomas Bowes <bowes@klondyke.net>
 Subject: Tubes needed for projects
 Message-ID: <33309505.380B@klondyke.net>

Greetings fellow boatanchorites. I have a couple of ongoing BA type transmitter projects that I am looking for some transmitting tubes for.

The first project is a Globe King 400 for which I need a couple of 5514's and a couple of V-70-D's.

The second is a Tempo 500 watt broadcast transmitter for which I need a couple of 8005's and a couple 812's.

Please contact me via e-mail with info on what you have, or if you know of a source for these where they won't be prohibitively expensive.

Thanks for the help.

--

"Tom"

Thomas Bowes
KK8M
35332 Churchill
Richmond, Michigan 48062-1179

From boatanchors@sco.theporch.com Wed Mar 19 18:18:52 1997
From: Tom Norris <badger@telalink.net>
Subject: Re: Vacuum Tube Synchronous Demodulator
Message-ID: <2.2.32.19970319165923.00683e9c@telalink.net>

>Chris Trask wrote:

>> There is another approach which is not widely used for recovering
>> AM/DSB full carrier by way of Synchronous Demodulation. Since the signal
[snip]

>I think this technique is commonly referred to as 'synchrophase' or
>'quasi-synchronous' detection. The aforementioned June 1993 QST synchronous
>detector design provides this mode as an option. Quoting from the text:

I have this issue -- June 1993, and cannot find that article.
Is this indeed the issue of QST where said article is located?????

Tom Norris KA4RKT
badger@telalink.net

From boatanchors@sco.theporch.com Thu Mar 20 09:25:36 1997
From: John Kolb <jlkolb@cts.com>
Subject: Re: Vacuum Tube Synchronous Demodulator
Message-ID: <Pine.SCO.3.91.970319205141.19530A-100000@sd.cts.com>

On Wed, 19 Mar 1997, Tom Norris wrote:

> >I think this technique is commonly referred to as 'synchrophase' or
> >'quasi-synchronous' detection. The aforementioned June 1993 QST synchronous

>
> I have this issue -- June 1993, and cannot find that article.
> Is this indeed the issue of QST where said article is located?????
>

There's an article in the July 93 QST, "A Synchronous detector for AM Transmissions" by Jukka Vermasvuori.

John Kolb KK6IL

From boatanchors@sco.theporch.com Wed Mar 19 18:18:52 1997
From: mashaum@fcg.net (Mark Shaum)
Subject: Vintage 160 SSB gear comment
Message-ID: <M.031997.085845.63@NE9G>

Glenn, N2BJG asks about vintage 160 SSB gear:

>Looking over the BA collection the other day I realized except for my
>T4X-B, I don't have another BA SSB xmtr that will work on 160 meters.
>If there are others, I can't think of any besides the Drake!!!....

A couple exciters come to mind that you can keep an eye peeled for.. both had factory options available for 160 meter coverage, but are hen's teeth rare with 160 included.

First, the Central Electronics 100V/200V sets. These can be modified per KJ6IJ's info to cover about 100 khz of the 160 meter band by home-brewing broadband transformers to plug into the band "X" empty positions. Retuning required to cover the whole band, otherwise the no-tune features still apply within the chosen 100 khz segment. I'm working on coming up with a broader-band 160 meter coil set for my 100V, will report if I have any success.

I believe Hammarlund's HX50/50A exciters had a 160 meter option. I don't have one of these, but hopefully will find one someday to mate with my HQ170. The HX50 isn't known as a particularly well-designed exciter, so is generally available at quite reasonable prices.

Does anybody happen to know if the HX50A has the "darker" color scheme to the front panel, as with the Hammarlund "A" series vs. the non-A sets? The only HX50A I've seen in person was re-painted flat black (!).

73! - Mark

Mark Shaum, K9TR
mashaum@fcg.net

From boatanchors@sco.theporch.com Thu Mar 20 09:25:36 1997
From: "Peter L. Demmer" <ampruss@hits.net>
Subject: Re: Vintage 160 SSB gear comment
Message-ID: <33308299.6F4C@hits.net>

Mark;
IMMHO, A very fine book, (about the size of an old comic book) is "The Challenge of 160!" by W1BB, Si Dunn. A very well remembered fellow ham and SK. His book is the crem de la crem of 160 for the home brewer. Si coveres everything from A as in Antenna to Z as in zapping along on the top band. If you can find a copy, you guys can do yourself a big one to have a look see. 72/3, Peter KH6CTQ

From boatanchors@sco.theporch.com Thu Mar 20 09:25:36 1997
From: mashaum@fcg.net (Mark Shaum)
Subject: Re: Vintage 160 SSB gear comment
Message-ID: <M.032097.091709.46@NE9G>

> Mark;
> IMMHO, A very fine book, (about the size of an old comic book) is "The
> Challenge of 160!" by W1BB, Si Dunn. A very well remembered fellow ham
> and SK. His book is the crem de la crem of 160 for the home brewer. Si
> coveres everything from A as in Antenna to Z as in zapping along on the
> top band. If you can find a copy, you guys can do yourself a big one to
> have a look see. 72/3, Peter KH6CTQ
>

Thanks for the info, Pete. But I thought W1BB was Stu Perry (another 160m landmark operator, also SK now), or do I have calls confused? I know Stu was a W1x2 something, worked him a few times in the 60's.

Mark Shaum, K9TR
mashaum@fcg.net

From boatanchors@sco.theporch.com Wed Mar 19 18:18:52 1997
From: Greg Roecker <roecker.greg@ist.mds.lmco.com>
Subject: re: Vintage SSB on 160m
Message-ID: <Chameleon.858781312.greg@roeckerpc.ist.mds.lmco.com>

>IF you had the factory 160 kits (rare, very) you could go 160
with a
>Central Electronics 100V (I've got one of those) or 200V,
-----End of Original Message-----

I also have an article from the 70's on how to "roll your own"
broadband coupler to put the 100V and 200V on 160 . . . it is
not for the faint of heart, but I've heard it works!!!!!! . . .
. . if you want a copy, drop me an email with your address, and
I'll send you a copy . . .

73,

Greg / N40SJ

Greg Roecker
E-mail: roecker.greg@ist.mds.lmco.com
Voice: 770.698.5226
Fax: 770.698.5220
From boatanchors@sco.theporch.com Wed Mar 19 18:18:52 1997
From: James Olson <w4jo@mindspring.com>
Subject: Wanted: Millen Gear
Message-ID: <3.0.32.19970318220500.00698e80@mindspring.com>

Wanted: Millen gear --

Exciter-- 90801 Bandswitching 50 watt unit.

Amplifier--90881 Amplifier and supply.

Scopes--90902, 3, or 5 rack mount oscilloscopes.

Someone responded to me about the amplifier -- I apologize for losing your
e-mail.

Thanks,

James Olson, W4JO
Powder Springs, GA

w4jo@mindspring.com

From boatanchors@sco.theporch.com Wed Mar 19 18:18:52 1997
From: James Olson <w4jo@mindspring.com>
Subject: Wanted: Viking Sideband Adapter
Message-ID: <3.0.32.19970318220113.00698e80@mindspring.com>

Wanted: SSB adapter accessory unit for the Valiant. Not the Valiant 2,
but the original model.

Thanks,

James Olson, W4JO
Powder Springs, GA

w4jo@mindspring.com

From boatanchors@sco.theporch.com Wed Mar 19 18:18:52 1997
From: "William B. Ross" <billross@txdirect.net>
Subject: Re: WLW and Cathanode Modulation
Message-ID: <332F7A0C.38EB@txdirect.net>

This is a multi-part message in MIME format.

-----2DA68B876151

Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii

Chip Owens wrote:

> Does anyone know of any detailed technical reference that
> describes the station layout and in particular the modulation scheme
> used back then at WLW. Does anyone know if this technique was applied
> at any other commercial AM broadcast stations?

WLW, known for many years as "The Nation's Station", was often in the
forefront of broadcasting technology and I seem to remember the "catha
node or cathonode modulation" but, if I was ever aware of any specific
details, I no longer retain them.

I do know that WLW did use one of the RCA phase behemoth transmitters at

one time that utilized dual 180 degree FM modulators to broadcast at 500KW without a modulation transformer. This experiment conducted under FCC auspices for a short time was terminated when it became impossible to cut off florescent lights in Cincy and created singing barns (the tin roofs were resonant at 700 Khz) in Mason allegedly causing dairy cows to go dry. The transmitter was moved to Mexico where it became one of the border bandit stations of the late forties and fifties. There were eventually three or four of these stations utilizing similar RCA designs operating at about 250 KW apiece that conducted a thriving mail order business in Smoke No More pills and glow in the dark crusifixes along with autographed pictures of Jesus Christ. I once heard XERF (Mail address Del Rio, Texas) loud and clear in Frankfurt, Germany one night in 1954.

Bill K5LLK

-----2DA68B876151

Content-Transfer-Encoding: 7bit

Content-Description: Card for William B. Ross

Content-Disposition: attachment; filename="nsmail6I.TMP"

Content-Type: text/x-vcard; charset=us-ascii; name="nsmail6I.TMP"

BEGIN:VCARD

FN:William B. Ross

N:Ross;William B.

EMAIL;INTERNET:billross@txdirect.net

X-MOZILLA-HTML:F

END:VCARD

-----2DA68B876151--

From boatanchors@sco.theporch.com Wed Mar 19 18:18:52 1997

From: "William B. Ross" <billross@txdirect.net>

Subject: Re: WLW and Cathanode Modulation

Message-ID: <332F7D90.4D01@txdirect.net>

This is a multi-part message in MIME format.

-----78CE1AA018D82

Content-Transfer-Encoding: 7bit

Content-Type: text/plain; charset=us-ascii

Paul Christensen wrote:

The

> transformer stands on the basement floor and must be close to 12-feet
> tall, perhaps more. In addition to the modulation transformers, a
> Westinghouse reactance coil still resides connected outside the

> transmitter building. I have never been able to discern the objective
> of this coil, but it too is impressive.

Such reactors were and are still common for high level modulation systems of AM broadcast transmitters and serve two purposes, keeping the high current flow of DC voltage for the final amplifiers from having to flow through the secondary of the modulation transformer, and keeping high power audio power off the high voltage supply circuitry.

-----78CE1AA018D82

Content-Transfer-Encoding: 7bit

Content-Description: Card for William B. Ross

Content-Disposition: attachment; filename="nsmailUE.TMP"

Content-Type: text/x-vcard; charset=us-ascii; name="nsmailUE.TMP"

BEGIN:VCARD

FN:William B. Ross

N:Ross;William B.

EMAIL;INTERNET:billross@txdirect.net

X-MOZILLA-HTML:F

END:VCARD

-----78CE1AA018D82--

From boatanchors@sco.theporch.com Wed Mar 19 18:18:52 1997

From: polepeeg@aa4rm.radio.org (Marty Reynolds' BA ID)

Subject: Re: WLW and Cathanode Modulation

Message-ID: <199703190547.AAA10061@aa4rm>

That "Cathanode Modulation" may have been a failed experiment but the original 1935 beast still sits along the back wall of the Historic Registry bldg. @ Mason OH. It was, I'm pretty sure, 8 898s, 4 in RF amp (pp-par.) and 4 in hi level B-modulator. Modulation xfrms / chokes in bsmt - both bigger than Crosley sedans & water cooled. .5 AC cooling / spray pond outside.

Input was something like 20kv @ 40A! Does it belong with a 75M P&M clutch, I ask you?

Thing never bothered with fluorescents, it kept the incandescents going. Local stories had farmers putting bulbs in bureau drawers at night.

I repeat, the "main act" was high level class B plate modulated BRUTE - driven by pioneer WE 50 kw xmtr.

Marty, ex-W8VFX who toured the

place twice in '54, '55
when Crosley still kept
the filaments lit in hopes
the FCC'd reconsider - note the
dim MV rect.s were half a man's
height

From boatanchors@sco.theporch.com Wed Mar 19 18:18:52 1997
From: "Ray Allen,W2KBR" <raallen@erols.com>
Subject: WTB O'Scope
Message-ID: <3330193A.7BA5@erols.com>

Group: Looking to buy SMALL O'Scope, suitable to Tbleshoot/repair my
HF/VHF BAs. Any Scope that fits the descrip. and that works w/o
glitches wb considered. Reply: raallen@erols.com, Tks Ray W2KBR

From boatanchors@sco.theporch.com Wed Mar 19 18:18:52 1997
From: Ethan Emeson <emesone@elwha.evergreen.edu>
Subject: WWII era navy key
Message-ID: <Pine.ULT.3.91.970319005231.2277A-100000@elwha.evergreen.edu>

Anyone got any interest in a "blast proof" key?
--Ethan